RELEASE DATE 2023.05.31 - REF ECR 531 REVISION HISTORY PARTS LIST **CHECKED** PART NUMBER **ITEM** QTY **DESCRIPTION** REV **AUTHOR APPROVED DESCRIPTION** DATE BULKHEAD STRAIGHT 2706-08-08-SS ON -10, DISTANCE BETWEEN HOLES WAS 1.07 AND SLOT ADDED BETWEEN HOLES. ON -12, DISTANCE В BRACKET 11/24/15 JT 2 505H-1009-10 1 BETWEEN HOLES WAS 1.075. 3 505H-1009-11 BRACKET 1 CHANGED NAS1149D0563J WASHER TO 95060A390 LOCK WASHER; CHNAGED MS21042L5 LOCKING 01/05/16 C JT NUT TO 91828A410 NUT. 505H-1009-12 BALL VALVE ON -11 BRACKET: CHANGED 0.97 TO 1.09, 0.225 SLOT TO 0.210 AND BEND 0.41 TO 0.54. ON -12 BALL 1 91828A410 NUT-METRIC (ALT. 90710A120) VALVE, CHANGED 100091-GRAFOIL TO ES24000-1; ADDED ALTERNATE PART NUMBERS FOR METRIC 95060A390 LOCK WASHER-METRIC (ALT. 93925A280) 6 1 NUT AND LOCK WASHER; ON -10 BRACKET, OMITTED SEALING PROCESS OF ANODIZE AND ADDED 03/09/16 D JT 2 SCREW AN502-10-4 PAINT ADHESION TEST WITH NOTES 1 & 2; UPDATED TORQUE OF ITEM #7 WAS 7-12 IN-LBS; ADDED 1 FBM2008 UNION NOTE 3; ADDED TORQUE CALLOUT FOR ITEMS #1 AND #8. ADDED BEND CHART TO -11 BRACKET 6/13/17 E РМ NAS1149D0316J WASHER JT ADDED -2 ASSY, ADDED NOTE FOR SAFETY WIRE BETWEEN -15 & -13. REPLACED -11 BRACKET WITH NOTES: -13 TO INCLUDE .063" DIA. HOLE, REPLACED -12 (2000PSI) BALL VALVE WITH -14 (1000PSI) BALL 8/3/17 PM JT /1 Prepare part for Primer: VALVE, REPLACED 91828A410 NUT WITH -15 NUT TO INCLUDE .063" DIA HOLE. -2 ADDED #10 FOR a. USE EXTRA CAUTION AND WEAR GLOVES WHILE PREPARING PARTS FOR PRIMER. MS20995C32SS SAFETY WIRE. ADDED TORQUE VALUES TO -14. b. THOROUGHLY CLEAN ANODIZED PART USING ISOPROPYL ALCOHOL. 8/18/17 G ADDED 0.02 DIMENSION TO -13 AND "1000 WOG MARKING" NOTE TO -14 JT c. USE COMPRESSED AIR FREE OF WATER AND CONTAMINANTS. 12/27/17 H ADDED BEND TABLE AND CALLOUT TO -10 BRACKET. EW JT 7/5/19 J /2\PAINT ADHESION TEST: -10 BEND CHART: CHANGED BEND PUNCHES FROM #9 TO #6 AND 2nd BEND DIE FROM #1 TO #2. DT ZΑ FOR BOTH DRY AND WET TESTS, USE A TAPE WITH AN ADHESION TO STEEL OF 70 OZ/IN MINIMUM. 6/23/202 AD Item 8 of Parts List was corrected to FBM2008 MH a. DRY TAPE TEST DONE ONCE EVERY LOT. i. PLACE THE TAPE ON THE PRIMERED SURFACE AND AFFIX WITH FIRM PRESSURE. ii. REMOVE THE TAPE WITH AN ABRUPT MOTION (JERK). iii. LOSS OF ADHESION TO THE BASE MATERIAL CONSTITUTES A FAILURE. b. WET TAPE TEST DONE ONCE EVERY LOT. i. SOAK THE PART WITH DISTILLED OR DEIONIZED WATER FOR 24 HRS. (ALTERNATIVELY: AN ANODIZED COUPON WITH AN AREA ABOUT 4 INCHES X 4 INCHES MAY BE USED) ii. DRY THE SURFACE WITH A CLEAN CLOTH. iii. REPEAT STEPS i THRU iii OF DRY TAPE TEST. /3\APPLY PERMATEX ULTRA COPPER #81878 ON FITTING THREADS BEFORE INSTALLING INTO VALVE. TORQUE TO 20-25 IN-LBS. SAFETY WIRE SCREWS TOGETHER PER BHT-ALL-SPM 8-27 THRU 8-28. (2.47)-1 VALVE ASSY STAMP P/N & S/N ON THIS EDGE TOROUE TO 50-60 IN-LBS. STAMP P/N STAMP S/N XXXXX (2.31)TORQUE TO (8 ig(1ig) torque to $ig\Delta$ 475-480 IN-LBS. Paravion[®] BLEED AIR 475-480 IN-LBS. 505H-1009 /Technology **SHUTOFF VALVE** DIMENSIONS IN INCHES (5.86) -TOLERANCES EXCEPT WHERE NOTED: BY 11/16 Shutoff $. X = \pm .1$ (10.03) $.XX = \pm .05$ $.XXX = \pm .010$ -CONFIDENTIAL INFORMATION-THE INFORMATION AND DATA CONTAINED HEREIN IS PROPRIETARY AND IS SUBMITTED IN CONFIDENCE; AND ANGLES=± 1 DO NOT SCALE DRAWING PROTO THREADS: ©2019 PARAVION TECH. INC. 1 OF 8 HALL NOT BE DISCLOSED, USED OR DUPLICATED FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN INTERNAL: CLASS 2B 3RD ANGLE PARAVION IS A TRADEMARK OF PROJECTION PARAVION TECHNOLOGY INC EXTERNAL: CLASS 2A 4













